


Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-175

WORKING STANDARD USED

| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Calibration Date: | Calibration Due: | Calibration By: |
|--------------|---------------|--------|------------|-------------------|------------------|-----------------|
| 25171 | ION | 775 | 6779 | 8-20-08 | 8-20-09 | JPL |

AIR IONIZER INFORMATION

| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Verification Date: | Verification Due: | Verification By: |
|--------------|---------------|-------------|-------------|--------------------|-------------------|---|
| 29667 | SINCO | Aerostat XC | 26121626 | 10-28-08 | 4-21-09 |  |
| Inspector: | Location: | Owner: | Fail: Y/N ? | Cleaned: Y/N ? | Adjusted: Y/N ? | Prior Sequence# |
| Minh Do | 170/213 | Kari Lewis | N | N | N | NA |

VERIFICATION DATA

HBM Sensitivity Level: 50 (from Table 1)

Fan controller setting: Low (High, Low, NA)

Distance of ionizer from the charge plate: 36"

Ionizer Float Potential Tolerance \pm 50 Vdc. (from Table 1)

Measured Float Potential values recorded below.

| 1 | 2 | 3 | 4 | 5 | Comments: |
|--------|--------|--------|--------|--------|-----------|
| 0 Vdc. | 0 Vdc. | 0 Vdc. | 0 Vdc. | 0 Vdc. | |

Ionizer Discharge Voltage Range: \pm 1000 Vdc to \pm 50 Vdc (from Table 1)

Ionizer Discharge Time Tolerance: 20 seconds. (from Table 1)

Measured Discharge Time in second(s) and recorded values below.

| 1 (+1000 to +Vdc) | 2 (+1000 to +Vdc) | 3 (+1000 to +Vdc) | 4 (+1000 to +Vdc) | 5 (+1000 to +Vdc) | Comments: |
|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|
| 7.2 sec | 9.1 sec | 7.7 sec | 7.7 sec | 6.8 sec | |
| 1 (-1000 to -Vdc) | 2 (-1000 to -Vdc) | 3 (-1000 to -Vdc) | 4 (-1000 to -Vdc) | 5 (-1000 to -Vdc) | Comments: |
| 12.9 sec | 10.4 sec | 9.0 sec | 13.6 sec | 12.5 sec | |

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.